



STIC Search Report

EIC 3600

STIC Database Tracking Number: 94803

TO:Roger Pang
Location:6U13
Art Unit : 3681
Wednesday, May 26, 2004

Case Serial Number: 10/657058

From: Etelka Griffin
Location: EIC 3600
PK5-Suite 804
Phone: 308-4211

Etelka.griffin@uspto.gov

Search Notes

LITIGATION SEARCH





STIC EIC 3600

Search Request Form

Today's Date:

Priorty Date:

For 705 Searches list subclass:

Your Name ROGER PANG
AU 3681 Examiner # 75725
Room # 6013 Phone 305-0445
Serial # 16/657,058

Is this a Rush? YES NO
SPE's Signature _____

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access # _____

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

Large empty rectangular box for attaching abstract, claims, and search strategy.

STIC Searcher _____ Phone _____
Date picked up _____ Date completed _____



Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) Terms: [patno=6067871](#) ([Edit Search](#))

012880 (09) 6067871 May 30, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6067871

♦ [GET 1st DRAWING SHEET OF 8](#)

[Access PDF of Official Patent](#) *

[Check for Patent Family Report PDF availability](#) *

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

May 30, 2000

Variable resistance shift rail detent assembly and shift control method employing same

REISSUE: April 18, 2002 - Reissue Application filed Ex. Gp.: 3681; Re. S.N. 10/124,934 (O.G. June 18, 2002)

September 5, 2003 - Reissue Application filed Ex. Gp.: 3681; Re. S.N. 10/657,058 (O.G. December 9, 2003)

APPL-NO: 012880 (09)

FILED-DATE: January 23, 1998

GRANTED-DATE: May 30, 2000

CORE TERMS: lever, detent, transmission, splitter, ratio, jumpout, rail, shaft, sub, engine ...

ENGLISH-ABST:

A mechanical transmission system (10) is provided with a detent mechanism (156/172, 186/196) for applying a selectively variable detent resistance to disengagement of an engaged gear ratio. To provide resistance to shift lever (31) induced jumpout when no intent to shift is sensed, a greater detent resistance is provided, and to provide improved shift quality upon sensing an intent to shift, a lesser detent resistance is provided. The mechanism also may be utilized to maintain the transmission in neutral.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)

Terms: [patno=6067871](#) ([Edit Search](#))

View: [Custom](#)

Segments: Appl-no, English-abst, Granted-date, Reissue

Date/Time: Wednesday, May 26, 2004 - 3:40 PM EDT

[About LexisNexis](#) | [Terms and Conditions](#)

No Documents Found!

No documents were found for your search (6067871 OR 6067871).
Please edit your search and try again. You may want to try one or
more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms.
- If applicable, look for all dates.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search (6067871 OR 6,067,871).
Please edit your search and try again. You may want to try one or
more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms.
- If applicable, look for all dates.

[Edit Search](#)

*Patent Cases from Federal
Courts and Administrative
Materials*

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

Patent Number :

US6067871 A 20000530 [US6067871]

Title :

(A) Variable resistance shift rail detent assembly and shift control method employing same

Patent Assignee :

(A) EATON CORP (US)

Patent Assignee :

Eaton Corporation, Cleveland OH [US]

Inventor(s) :

(A) MARKYVECH RONALD K (US); RILEY THOMAS N (US); ORE THOMAS G (US)

Application Nbr :

US1288098 19980123 [1998US-0012880]

Filing Details :

Cont..of US928234 19970912 [1997US-0928234] (Abandoned)

Priority Details :

US1288098 19980123 [1998US-0012880]

US92823497 19970912 [1997US-0928234]

Intl Patent Class :

(A) F16H-061/18 F16H-063/36

EPO ECLA Class :

F16H-061/24

F16H-063/34

US Patent Class :

ORIGINAL (O) : 074335000; CROSS-REFERENCE (X) : 074473210

074473240 074473250

Document Type :

Corresponding document

Citations :

US1976697; US2767595; US3945458; US4070914; US4388843; US4406356; US4441379; US4550627; US4593580; US4614126; US4676115; US4920815; US5000060; US5390561; US5569115; US5661998; US5682790; US5735771; US5758543; US5904635; US5974354

Publication Stage :

(A) United States patent

Abstract :

A mechanical transmission system (10) is provided with a detent mechanism (156/172, 186/196) for applying a selectively variable detent resistance to disengagement of an engaged gear ratio. To provide resistance to shift lever (31) induced jumpout when no intent to shift is sensed, a greater detent resistance is provided, and to provide improved shift quality upon sensing an intent to shift, a lesser detent resistance is provided. The mechanism also may be utilized to maintain the transmission in neutral.

Update Code :

2000-22

1/1 LGST - ©EPO

Patent Number :

US6067871 A 20000530 [US6067871]

Application Number :

US1288098 19980123 [1998US-0012880]

Action Taken :

20020618 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20020418

20031209 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030905

Update Code :

2003-51

1/1 CRXX - ©CLAIMS/RRX

Patent Number :

6,067,871 A 20000530 [US6067871]

Patent Assignee :

Eaton Corp

Actions :

20020418 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020618
REISSUE REQUEST NUMBER: 10/124934

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3681

Reissue Patent Number:

20030905 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20031209

REISSUE REQUEST NUMBER: 10/657058

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3681

Reissue Patent Number:

Query/Command : file inpadoc

Query/Command : PRT SS 1 MAX 1 LEGAL

1/1 INPADOC - ©INPADOC

Patent Number :

US 6067871 A 20000530 [US6067871]

Title :

VARIABLE RESISTANCE SHIFT RAIL DETENT ASSEMBLY AND
SHIFT CONTROL METHOD EMPLOYING SAME

Inventor(s) :

MARKYVECH RONALD K [US]; RILEY THOMAS N [US]; ORE
THOMAS G [US]

Patent Assignee (Words) :

EATON CORP [US]

Application Details :

US 12880/98-A 19980123 [1998US-0012880]

Priority Details :

US 12880/98-A 19980123 [1998US-0012880]

US 928234/97-B1 19970912 [1997US-0928234]

Intl. Patent Class. :

F16H-063/36; F16H-061/18

1/1 LGST - ©EPO

Patent Number :

US6067871 A 20000530 [US6067871]

Application Number :

US1288098 19980123 [1998US-0012880]

Action Taken :

20020618 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20020418

20031209 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030905

Update Code :

2003-51

LGST - Time in minutes : 0,08
The cost estimation below is based on Questel's
standard price list

Records displayed and billed	Estimated cost :	0.10 USD
	:	1
Legal-Status informations	Estimated cost :	0.60 USD
	:	1
Cost estimated for the last database search	Estimated cost :	0.50 USD
	:	1.20 USD
Estimated total session cost	:	13.90 USD

Your session will be retained for 2 hours.

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.